



BIOLOGY

BOOKS - NAND LAL PUBLICATION

NATURAL RESOURCES

Intext Questions

1. How is our atmosphere different from the atmospheres on Venus and Mars ?



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2. How does the atmosphere act as a blanket?



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3. What causes winds?



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4. How are clouds formed ?



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5. List any three human activities that you think world lead to air pollution.



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6. Why do organisms need water?



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7. What is the major source of fresh water in the City/town/village where you live?



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8. Do you know of any activity which may be polluting this water source?



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9. How is soil formed?



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10. What is soil erosion?



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11. What are the methods of preventing or reducing soil erosion?



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12. What are the different states in which water is found during the water cycle?



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13. Name two biologically important compounds that contain both oxygen and nitrogen



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14. List any three human activities which would lead to an increase in the carbon dioxide content of air.



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15. What is greenhouse effect?



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16. What are the two forms of oxygen in the atmosphere ?



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Exercises

1. Why is the atmosphere essential for life?



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2. Why is water essential for life?



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3. How are living organisms dependent on the soil? Are organisms that live in water totally independent of soil as a resource?



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4. You have seen weather reports on television and in newspapers. How do you think we are able to predict the weather?



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5. We know that many human activities lead to increasing levels of pollution of the air, water-bodies and soil. Do you think that isolating these activities to specific and limited areas would help in reducing pollution?





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6. Write a note on how forests influence the quality of our air, soil and water resources.



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Additional Questions

1. What two things are essential for existence of life on the earth?



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2. What is biosphere?



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3. List the living components of biosphere.



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4. What is atmosphere?



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5. What are the main components of atmosphere?



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6. The earth has life on it which is not present on Mars and Venus. Why?



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7. What is air ?



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8. Name the major gas present in exhaled air and inhaled air?



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9. Write the major uses of oxygen.



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10. Name two such gases present in air which together constitute 80-90% part of air.



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11. Name the process which help the balance between oxygen and carbon dioxide in the enviroment.



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12. Name some gases and other substances which pollute air.



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13. What is percentage of oxygen and nitrogen in air?



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14. How is carbon dioxide fixed?





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15. What is percentage of CO_2 present on Mars and Venus?



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16. What is role of atmosphere in controlling the climate ?



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17. What factors are responsible for change in the atmosphere?



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18. What is the reason of wind blowing from sea to landmass during daytime?



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